Panasonic Operating Instruction

Colour Television TX-21FJ50A TX-21FJ50M

Dear Panasonic customer

Welcome to the Panasonic family of customers. We hope that you will have many years of enjoyment from your new colour television.

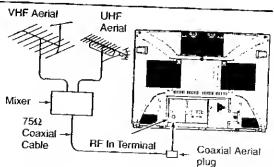
Safety Instructions

	<u> </u>	
	The TV set can be operated on AC AUTO 110-240V, 50/60Hz (TX-21FJ50M) or AC SINGLE 230-240V, 50Hz (TX-21FJ50A).	The cabinet and picture tube can be kept in good condition by simply wiping with a clean, soft cloth moistened with mild detergent and water. Do not use solutions containing benzol, petroleum or a chemical cloth. For safety, remove the plug from the wall outlet.
	The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.	Adequate ventilation is essential to prevent failure of electrical components.
	Do not remove the rear cover, as live parts are accessible when it is removed.	Avoid exposing the TV set to direct sunlight and other source of heat.
	Remove the plug from the wall outlet (Power point) when the TV set is not used for a prolonged period of time.	Do not use this set if abnormal operation occurs. EX: smoke, odd sounds or smells, turn the power switch off and disconnect the AC power if you notice any unusual operation.
Before Opera	tine This Co.	

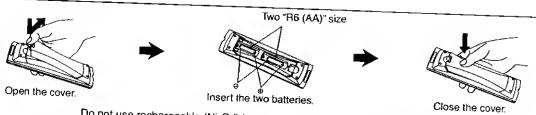
Before Operating This Set

■ Connect the Aerial Cable to the RF In Terminal

To obtain the best quality picture and sound, an external antenna, the correct cables (75 ohm coaxial) and the correct terminating plug will be required. If a communal antenna system is used, you may require the correct connection cable and plugs between the wall antenna socket and your television receiver. Your local Television Service Dealer may be able to assist you in obtaining the correct antenna system for your particular area and accessories required. Any matters about antenna installation, upgrading of existing systems or accessories required, and the cost incurred, are the responsibility of the customer.



Battery Installation



Do not use rechargeable (Ni-Cd) batteries.

⚠ Cautions

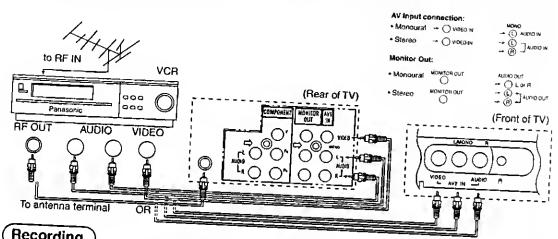
They are different in shape and performance and may fail to ensure correct operation.

The incorrect use of batteries can cause electrolyte leakage which will corrode the Remote Control or cause the batteries to burst.

Connections (Audio Input and Video Input)

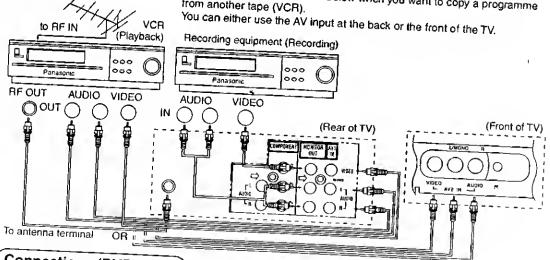
To watch the VCR picture.

Connect the VCR cable to the AUDIO INPUT and VIDEO INPUT terminals at the rear of TV. Press the TV/AV selection button, set the VCR to the playback mode. To watch or to return to the TV programme,

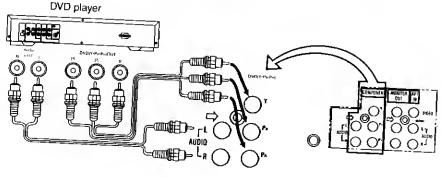


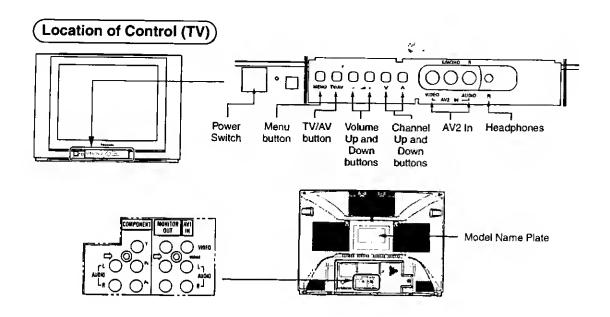
Recording

Follow the connection shown below when you want to copy a programme



Connections (DVD Input)



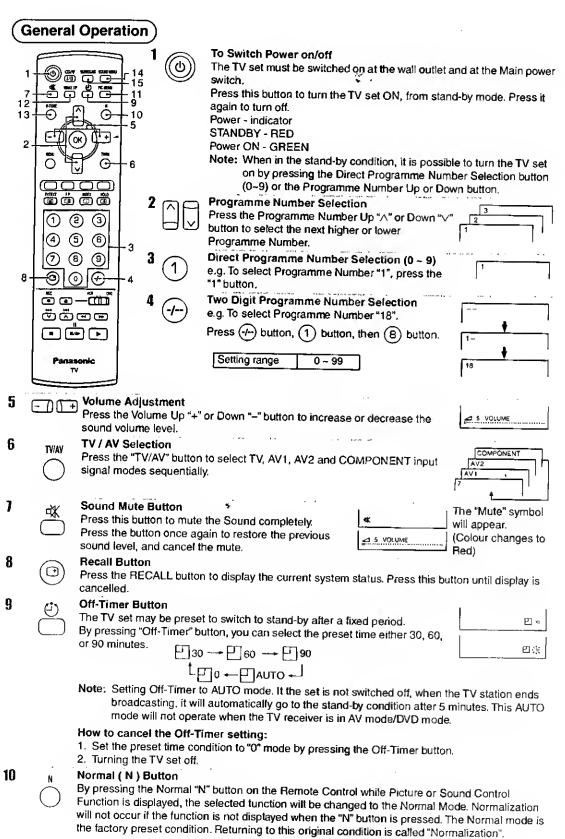


Flow Chart of Main Menu

When the "MENU" button is pressed at the main menu screen, the screen display will return to the normal viewing condition. When the "MENU" button is pressed at each MENU screen (Picture, Sound, Features, Language, Preset), the screen display will return to the Main Menu screen.

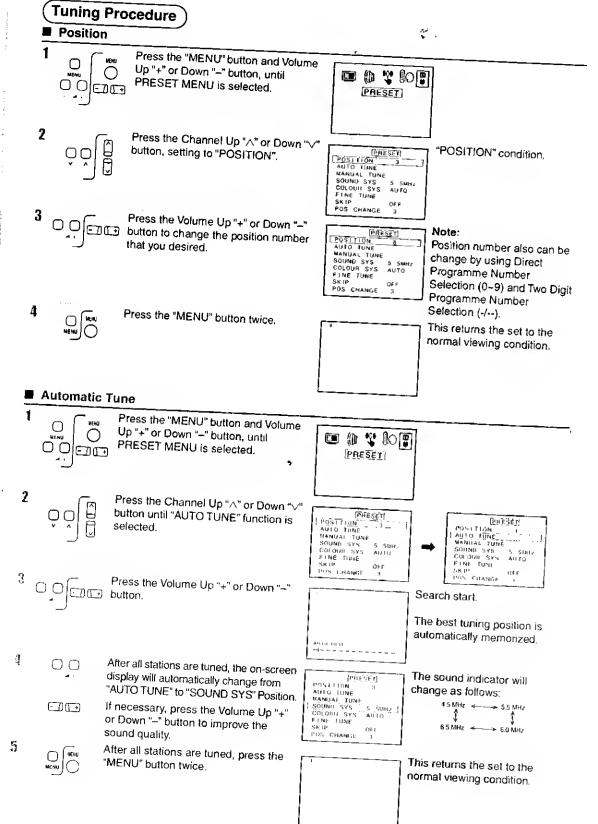
Note: The Main Menu screen display also can be operated using panel key (MENU, Volume Up or Down and Programme Number Up or Down buttons).

		·			
Press	WENU				
Select	<u>-</u> 1 (+		•		
Symbol Mark			3		E
On-Screen Indication	PICTURE	[SÖUND]	FEATURES	LANGUAGE ENGLISH: AIWI THO TIENG VIET #: MALAYSIA	[PRESET]
Press	or OK	or OK	or OK		or OK
On-Screen Indication (example)	PICTURE) WENU DYNAMIC SP 92 COLOUR WS 50 MTSC TINT D 50 BRIGHTNESS (P) 100 CONTRAST COLOUR TEMP STD When NTSC signal is received.	SCUINTS UENU GUSIC LI SU BRIANCE COUALIZER ACCESS V NYPER BAIS OFF AVL ON	EFATURES [II UE BAPK ON OFF OFF OFF OFF OFF OFF OFF OFF OFF	Lidennyl ENGLISH DIWITH TIENG VIET PE MALAYSIA	PHESTI POSITION J AUTO FINE MANUAL TUIL SOUND SYS AUTO FRU TUNE SHIP OFF POS CHANGE 3



General Operation Picture Menu Operation PIC MENU By pressing the PICTURE MENU button, you can sequentially select the Picture menus as shown below: On-screen Function For watching in brighter environments. This menu selects a higher than MENU DYNAMIC normal level of contrast For watching in normat (evening) environments. This menu selects normal MENU STANDARD level of contrast, MENU CINEMA To realize the presence in a cinema environment when watching movies. 12 Wake Up Timer Button WAKE UP 1. Press the "WAKE UP TIMER" button. 2. Press the Volume Up or Down button (Remote Control) to select the Wake Up Timer. Wake Up Timer will increase or decrease by 10 minutes when Up or Down button is pressed. Note: Wake Up Timer can be set up to 12 hours. 3. After setting the Wake Up Timer, switch the TV set to stand-by mode. LED light will blink ON and OFF during stand-by mode. 4. When the Wake Up Timer has elapsed, the set will automatically switch on. Press any button to cancel the Wake Up Timer on-screen display. Note: After the Wake Up Timer is set and the TV mode is still not switched off, the Wake Up Timer will continue to count down until the timer is off. When Wake Up Timer switch ON the TV set, the Off-Timer is set to 90 minutes mode automatically. Press any button to cancel the Off-Timer. If no button is pressed, the TV set will switch off (Stand-by mode) automatically after 90 minutes. 5. To cancel the Wake Up Timer. You can choose any of the following: Switch off the main power. ii) Press the Volume Up or Down button, until OFF is reached, when Wake Up Timer OSD is displayed. iii) Press the Normalize button when Wake Up Timer OSD is displayed. 13 Rapid Tune Button R-TUNE Press the button to access previously viewed channel. Present channel being viewed Last viewed channel Sound Menu Operation SOUND MENU By pressing the SOUND MENU button, you can sequentially select the Sound menus as shown On-screen Function MENU MUSIC For music programme tor example. Enable spoken voices to be heard more clearly. Perfect for news, MENU NEWS documentaries and talk shows. Recreates the cinematic sound effect from your TV. This setting provides MENU CINEMA clear and crisp dialogue. 15 Surround Sound Operation SURROUND The benetit of surround sound are enormous. With additional speakers you can be completely enveloped in sound; just as it you were at a concert hall or cinema. On again all automates and a control of the control

	Type of broadcast	On-screen display
TV	MONO	MONO SURROUND ↔ SURROUND OFF
mode	STEREO	STEREO SURROUND ↔ SURROUND OFF
AV mode	Select AV mode	STEREO SURROUND ↔ MONO SURROUND ↔ SURROUND OFF

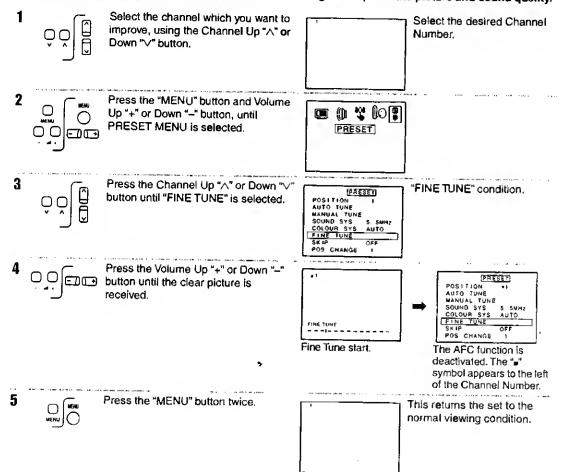


Tuning Procedure 100 **Manual Tune** Press the "MENU" button and Volume 0 ■ (D 😍 (D) Up "+" or Down "-" button, until PRESET MENU is selected. PRESET Press the Channel Up "^" or Down "V" PRESET POSITION 3 AUTO TUNE MANUAL TUNE SOUND SYS 5 SWI COLOUR SYS AUTO FINE TUNE SKIP OFF button until "MANUAL TUNE" function PRESET POSITION 3 AUTO TUNE MANUAL TUNE SOUND SYS SUM2 COLOUR SYS AUTO FINE TUNE SKIP POS CHANGE 3 is selected. SKIP POS CNANGE Press the Volume Up "+" or Down "-" O O D button: PRESET PRESET POSITION 3 AUTO TUNE MANUAL TUNE SOUND SYS 5 SWH2 COLOUR SYS AUTO FINE TUNE SKIP POS CHANGE 3 Volume "+": Next higher channel. Volume "-": Next lower channel. Search start. The best tuning position is automatically memorized. Press the Channel Down "V" button, PRESET POSITION 1 AUTO TUNE MANUAL TUNE SOUNG 5YS 5 S COLDUR SYS AUT FINE TUNE SKIP POS CHANGE 3 "SOUND SYS" condition. setting to "SOUND SYS". If the sound is not clear or no sound is PRESET) You may improve the Sound PAE POST TION NATION TO TUNE NAME TO THE SOUND SYS COLOUR SYS FINE TUNE SKIP POS CHANGE produced on a Programme Number quality. The sound indicator Position, press the Volume Up "+" or will change as follows: Down "-" button. 6.5 MHz 6 MENU Press the "MENU" button twice. This returns the set to the normal viewing condition.

■ Fine Tune

Under normal reception condition, this function le not used. However, in ereas of poor reception or constant interference, e slight adjustment of the fine tuning can improve the picture and sound quality.

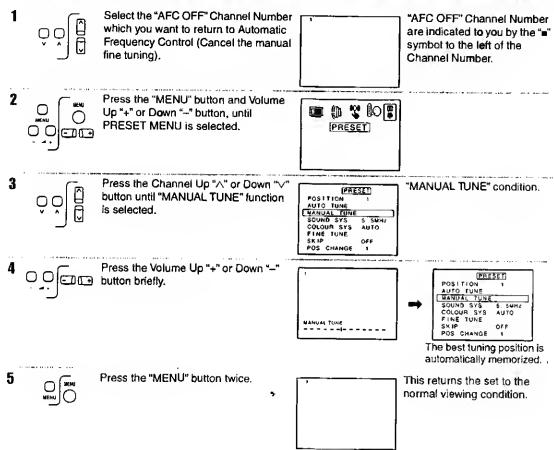
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Tuning Procedure

■ How to Cancel the Fine Tuning

Cancelling previously adjusted (manually) Fine Tuning, means reactivating the AFC (Automatic Frequency Control) function, also known as AFT (Automatic Frequency Tuning). Reactivating the Automatic Fine Tuning means allowing the set to automatically tune optimum tuning position, for that Channel Number.



Tuning Procedure

■ How to Skip Programme Number

_		3		
1	Ô	Select a Programme Number you want to skip, by pressing the Channet Number Up "\" or Down "\" button.		
2	MENU CONTRACTOR	Press the "MENU" button and Volume Up "+" or Down "-" button, until PRESET MENU is selected.	PRESET)	
3	ô	Press the Channel Up "^" or Down "\" button until "SKIP" function is selected.	PRESET POSTITION 1 AUTO TUNE MANUAL TUNE SOUND SYS 5 SWHZ COLOUR SYS AUTO FINE TUNE SKIP OFF POS CHANGE 1	Channel Skip condition.
4	٥٥٥	Press the Volume Up "+" or Down "-" button.	PRESET POSITION 1 AUTO TUNE MANUAL TUNE SOUND SYS 5 SMM2 COLOUR SYS AUTO FINE TUNE SKIP ON POSICHANOE 1	The displayed "OFF" condition changes to "ON".
5	ME RLI	Press the "MENU" button twice.	The second secon	This returns the set to the normal viewing condition.

Use this function if a clear picture with weak colour is obtained when a Broadcast or AV signal is received.

Press the "MENU" button and Volume Up "+" or Down "-" button, until PRESET MENU is selected.



2

Press the Channel Up "^" or Down "V" button until "COLOUR SYS" is



"COLOUR SYS" condition.

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Press the Volume Up "+" or Down "-" button repeatedly until the optimum image is produced.



The Colour System will change as shown:



D NEW

Press the "MENU" button twice.

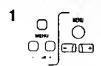


This returns the set to the normal viewing condition.

This selected Colour System is automatically memorized.

■ Sound System Selection

This function is used only in tha TV moda, and is not applicable in AV mode. When the sound is not clear or no aound is producad on a channel.

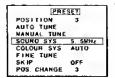


Press tha "MENU" button and Volume Up "+" or Down "-" button, until PRESET MENU is selected.



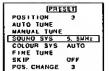


Press the Channel Up "∧" or Down "∨" button until "SOUND SYS" is selected.



"SOUND SYS" condition.

Press the Volume Up "+" or Down "-" O O ED to button repaatadly until the optimum sound is obtained.



The Sound System will changa as shown:



Press the "MENU" button twice.



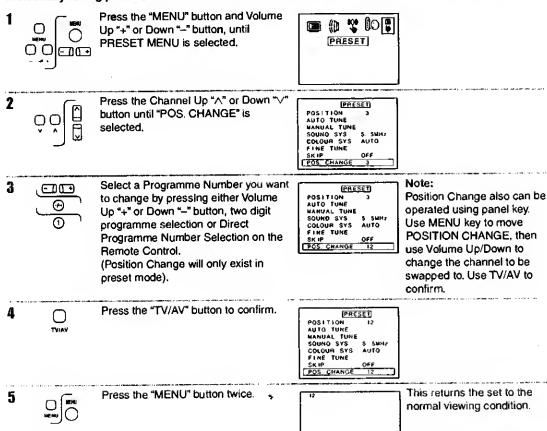
This returns the set to the normal viawing condition.

This selected Sound System is automatically memorized.

Tuning Procedure

■ Pos. Change

This faature will anable the uaar to awap (Exchange) channel memory of 2 selected channels. The position change function allows one to shift from the preaent channel to any Programme Number without any tuning process.



■ Picture Menu Operation

Press	Item	Effect	tndicator
Select	MENU DYNAMIC	MENU → MENU → DYNAMIC → STANDARD → MENU CINEMA ←	MENU DYNAMIC
☐☐ Select	COLOUR	Less More	52 COLOUR
Select	*NTSC-TINT	Reddish Greenish	EN 50 NTSC-TINT
↑ Select	BRIGHTNESS	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☆ 50 BRIGHTNESS
Select	CONTRAST	Less More	100 CONTRAST
Select	SHARPNESS	Less More	O 74 SHARPNESS
Sele ct	COLOUR TEMP, STD	COLOUR COLOUR TEMP. STD TEMP. COOL COLOUR TEMP. WARM	COLOUR TEMP. STD

Note: The Picture Menu screen display also can be operated using panel key (MENU, Volume Up or Down and Programme Number Up or Down buttons).

* When NTSC signal is received.

Helpful Hint

 By pressing the normal "N" button on the Remote Control while the Picture Menu is displayed, the setting of the selected function will be return to factory setting level.

■ Sound Menu Operation

Press	item	Effect	Indicator
Select	MENU MUSIC	MENU MUSIC + MENU NEWS + MENU CINEMA +	MENU MUSIC
Select	BALANCE	Left SP. Right SP.	△ 51 BALANCE
Select	EQUALIZER	ACCESS	EQUALIZER
∏ Select	V. HYPER BASS	ON ↔ OFF	V. HYPER BASS
 Select	LOUDNESS	E_D (_+) ON ↔ OFF	LOUDNESS
Select	AVL	CON ↔ OFF	AVL

Note: The Sound Menu screen display also can be operated using panel key (MENU, Volume Up or Down and Programme Number Up or Down buttons).

V.HYPER BASS (VHB)

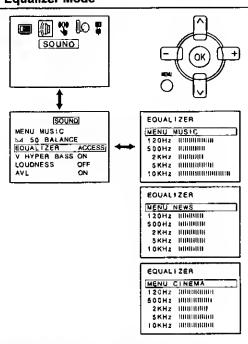
The Virtual Hyper Bass (VHB) create and reproduce lower and heavy bass sound by boosting up the low frequency. With VHB listener now can listen to the low and heavy bass which previously cannot. The V. HYPER BASS mode will change as shown:

ON ← OFF

AVL (Auto Volume Limiter)

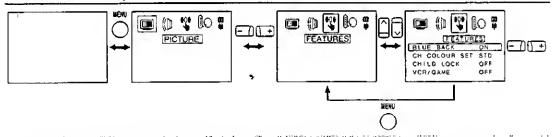
The AVL function will limit the volume output for music, speech and movie at preset level when it is on.

■ Equalizer Mode



- Press the "MENU" button and Volume Up "+" or Down "--" button, until sound menu is selected.
- Press Channel Up "\" or Down "\" button, setting to "EQUALIZER".
- Press the Volume Up "+" or Down "+" button to select Equatizer Menu,
- 4. You can change the level of each frequency level by pressing the Volume Up "+" or Down "-" button.

Features Menu Operation



BLUE BACK

When no picture signal is received, or the signal is weak, the screen reverts to a blue background colour and the sound is muted.

Disable this feature to continue watching very weak signals.

CH COLOUR SET Colour density varying between broadcast channels can be adjusted to three levels for each reception channel as follows:

STD
HIGH
LOW

CHILD LOCK

To child lock any channel, press the Volume Up or Down button until "CHILD LOCK" is received.

- 1. When channel is "LOCK", sound is muted and screen becomes blue colour.
- If any of the 100 channels is CHILD LOCK ON, then preset menu is restricted from entering, when panel key is pressed. In addition, if Channel Up/Down at panel key is pressed, OSD message "CHILD LOCK ON" will be displayed on screen indicating the channel is being locked.
- Main power ON in child locked channel will disptay "CHILD LOCK ON" on-screen to remind user that the child lock is On and is in child locked channel.
- 4. Each channel has its own memory for channels to be child locked.
- 5. "CHILD LOCK" can only be turned "OFF" from remote control unit.

VCR/GAME

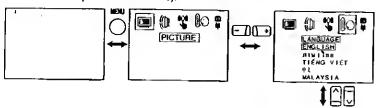
Reproduction of irregular signals, such as TV games and rental video tapes, may be improved. The VCR/GAME mode will change as shown: ON ↔ OFF

Note: The Features Menu screen display also can be operated using panet key (MENU, Volume Up or Down and Programme Number Up or Down buttons).

■ Language Menu Operation

Press the "Channel Up or Down" button. The on-screen language display will change as follows:

Note: The Language Menu screen display also can be operated using panel key (MENU, Volume Up or Down and Programme Number Up or Down buttons).



Stereo Reception

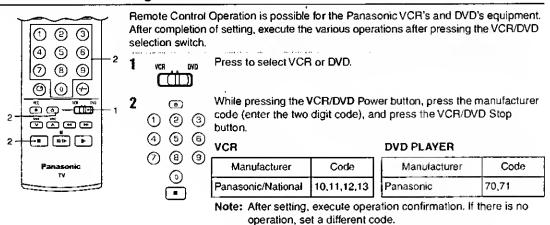
(1/II)

Stereo/Bilingual Sound Selection Button

Sound output modes can be selected by pressing the "Sound Selection" button. STEREO, BILINGUAL (if transmitted) and MONO modes can be selected using this button.

	Types of Broadcast	On-screen Indication	Remarks
	Regular Broadcast (Standard Audio)		Normal use.
Stereo	Regular + NICAM MONO I [MAIN <[>]	MAIN LE	You can select either the "MAIN <i>" or "MONO" audio signal.</i>
NICAM Digital Stereo	NICAM STEREO	STFHCO AKONO	You can select either the "STEREO" or "MONO" mode.
NIC	NICAM DUAL MONO MAIN <i> / SUB <ii></ii></i>	SUB-H-	You can select either the "MAIN <i>", "SUB <ii>" or "MONO" mode.</ii></i>
ereo	Regular Broadcast (Standard Audio)		Normal use.
A2 (Germen) Stereo	BILINGUAL or DUAL MONO MAIN <i> / SUB <ii></ii></i>	MADN -1 - 31,85 - 18 -	You can select either the "MAIN <1>" or "SUB <11>" audio signal.
A2 (STEREO	SH (W C)	You can select either the "STEREO" or "MONO" mode.

■ Remote control setting for VCR's and DVD's

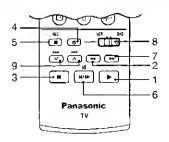


Helpful Hint

- The respective VCR/DVD code is cancelled when battery has been exchanged. Please set it again.
- 2. Depending on the model, operation of VCR's or DVD's of the manufacturers listed above may not be possible.
- 3. In some cases, new products may not be operative.
- 4. It will not operate with other than the above manufacturers.

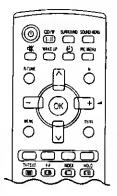
■ VCR/DVD

The Remote Control is capable of operating some functions of selected Panasonic VCRs and DVD (Digital versatile Disc) equipment. Some VCR and DVD equipment have different functions. So to ensure compatibility, please refer to the equipment's instruction book or consult your dealer for details.



	Function (VCR/DVD)	
1	Play button	
2	Rew (Rewind) / Review button	
3	Stop button	
4	Power button	
5	VCR REC (Record) button	
6	Pause / Still button	
7	FF (Fast Forward) / Cue button	
8	VCR and DVD Select button	
9	Programme Number Lett and Right buttons for VCR Programme Skip button for DVD	

Teletext Operation



- Teletext features may vary depending on the Broadcasting Companies and is only available if the channel selected is transmitting Teletext.
- When in teletext mode, the volume may still be altered to the desired listening level. What is LIST mode?

In LIST mode, four different coloured page numbers are situated at the bottom of the screen. Each of these numbers can be altered and stored in the TV's memory.

What is FASTEXT?

In FASTEXT mode, four differently coloured subjects are situated at the bottom of the display. To access more information about one of these subjects, press the appropriately coloured button. This facility enables last access to information of the subjects shown.

What is the advantages?

- Page selection at the touch of a Colour-coded button.
- Easy to use step-by-step selection of the topics subject.
- Reduction of waiting time.
- Page status line at bottom of screen so you always know which button will take you to the desired information,

Note:

While in Text mode, press menu key on remote once will display the text menu list in four colours which are Red, Green, Yellow and Cyan. The rotation of the displayed is as below:

First press: REVEAL (red) and F/T/B (green), Display Cancel (yellow) and TIME TEXT (cyan). Second press: LIST (red) and F.TEXT (green).

Third press:

Brightness.

Fourth press:

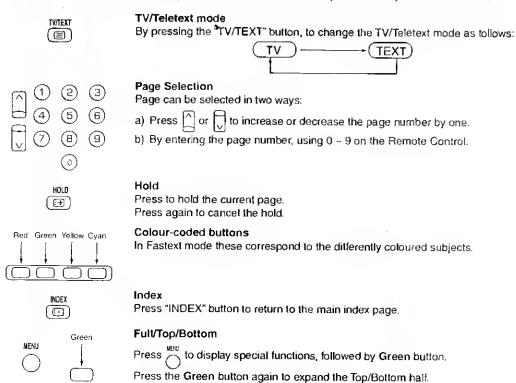
Contrast. Fine Tune.

Fifth press: Sixth press:

Normal Text.

For the Brightness, Contrast and Fine Tune, control is same as normal tv mode.

These menu adjustment also valid by used panel menu & Volume Up or Down key while in text mode.



Press again to return to normal (FULL) size.

Teletext Operation)
Red	Reveal
MENU	Press to display special functions, followed by the Red button to reveal
	hidden words e.g. quiz page answer. Press again to hide.
Yellow	Display Cancel
MENU	Press to display special functions, followed by Yellow button to view the
	normal TV programme. When the desired Sub-page is received, the "TEXT" message appears at the top lett of the screen.
TVITEXT	Press TWIEXT to exit the normal TV mode.
	Note:
	This features is to cancel the Text display and to exit the display cancel function. During in text mode. Residen May a Pour butter and the sea of the Auditor.
	 During in text mode, Position Up or Down button can change the text page number.
Red Green Yellow Cyan	List/F.Text
	Press button twice to display LIST/F.Text mode pages.
	Press the list (Red button) and enter the new page number. How to store page number?
1 2 3 OK	Press and hold (0K), the page numbers will change to white indicating that the
4 5 6	page is stored. To exit from the LIST mode page.
7 8 9 MENU	Press button wice and press F.Text (Green button) to view the normal
<u> </u>	text page.
(1) (2) (3) (0K)	Favourite Page (F.P.)
Cyan (Stores a Favourite Page in memory for instant recall. To store such a page, the TV must be in LIST mode.
	Press the Cyan button, select the page number, then press and hold (OK).
	The page number is now stored.
	Press (ig) to recall this page.
Sub Coded Page Acce	ess
ake some time for the automa	yed in TEXT mode. When teletext information exceeds more than one page, it may tit changing of the sub pages to reach the sub page you require. It is possible to and continue watching the normal programme until the correct sub page is found. Der using buttons 0-9.
the top of the page indicates	that sub pages are being transmitted yet the page does not change, then the is there to indicate that the broadcaster has updated the page's contents, there are
MENU 1 2 3 Yellov	Press followed by Cyan button to request Time Text Page.
Cyan 4 5 6	T**** will be displayed at the top left of TV screen and enter desired Sub Page
Cyan (7) (8) (9)	number before T**** disappears. To select page number 6, enter 0, 0, 0 and 6.
(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Press Display Cancel (Yetlow button) to view a normal TV programme and

When the page is available, press $^{\text{TW/TEAT}}$ button to view the Sub page.

Troubleshooting

Before calling for service, determine the symptoms and make a few simple checks as shown below.

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Symptoms			
Picture	Sound	Checks	
Snowy Picture	Noisy Sound	Aerial location, direction connection	
Multiple Image	Normal Sound	Aerial location, direction connection	
Interference	Noisy Sound	Electrical appliances Cars / Motorcycles Fluorescent lamps	
Normal Picture	No Sound	Volume (Check whether the mute function has been activated on the Remote Control.)	
? No Picture	No Sound	Not plugged into AC outlet Not switched on Contrast and Brightness / Volume Setting (Check by pressing the Power Switch or Stand-by Button on the Remote Control.)	
No Colour	Normal Sound	Colour control	
Scrambled	Weak Sound	Re-tune channels	
Colour Patches	Normal Sound	Magnetic interference from unshielded equipment. Receiver moved while "ON"	
No Colour	Noisy Sound	Sound System Colour System	

Specifications)

Power Source : AC AUTO 110-240V, 50/60Hz (TX-21FJ50M) AC SINGLE 230-240V, 50Hz (TX-21FJ50A)

Power Consumption: 90 W Receiving System: 17 SYSTEMS

	SYSTEMS	FUNCTION	
1, 2, 3, 4, 5, 6, 7,	PAL B,G,H PAL I PAL D,K SECAM B,G SECAM D,K SECAM K1 NTSC M (NTSC 3.58 / 4.5MHz)	Reception of broadcast transmissions and playback from video cassette tape recorders.	
8, 9, 10, 11, 12, 13,	NTSC 4.43 / 5.5MHz NTSC 4.43 / 6.0MHz NTSC 4.43 / 6.5MHz NTSC 3.58 / 5.5MHz NTSC 3.58 / 6.0MHz NTSC 3.58 / 6.5MHz SECAM I	Playback from special VCR only.	
15. 16. 17.	PAL 60Hz / 5.5MHz PAL 60Hz / 6.0MHz PAL 60Hz / 6.5MHz	Playback from special Disc player and VCR only.	

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Receiving Channels:

VHF BAND	UHF BAND	CATV	
2 - 12 PAL / SECAM B,K1 0 - 12 PAL B (AUST.) 1 - 9 PAL B (N.Z.) 1 - 12 PAL / SECAM D 1 - 12 NTSC M (JAPAN) 2 - 13 NTSC M (U.S.A.)	21 - 69 PAL G.H,1/SECAM G,K,K1 28 - 69 PAL B (AUST.) 13 - 57 PAL D,K 13 - 62 NTSC M (JAPAN) 14 - 69 NTSC M (U.S.A.)	S1 - S20 (OSCAR) 1 - 125 (U.S.A. CATV) C13 - C49 (JAPAN) S21 - S41 (HYPER) Z1 - Z37 (CHINA) 5A, 9A (AUST.)	

Tuning System: Frequency synthesizer Auto search tuning: 100 position.

Picture Tube: 51 cm, measured diagonally, 90° deflection.

Audio Output: 8W + 8W = 16W

Aerial Impedance : 75 Ω Unbalanced coaxial.

Video/audio terminal: DVD Monitor Out	Υ	1.0 Vp-p, 75 Ω
	Рв	0.7 Vp-p, 75 Ω
	P _B	0.7 Vp-p, 75 Ω
	Video In	1 Vp-p, 75 Ω
	Audio In	Approx. 0.5 V, 47 kΩ
	Video Out	1 Vp-p, 75 Ω
	Audio Out	Approx. 0.5 V, 1 kΩ
		P _B P _B Video In Audio In Monitor Out Video Out

Remote Control Transmitter: N2QAJB000080

Battery: R6 (AA) × 2

Dimension ($\dot{W} \times \dot{D} \times H$): 648 × 488 × 472 mm

Weight (Net): 23.5 kg

Note

Design and Specifications are subject to change without notice.